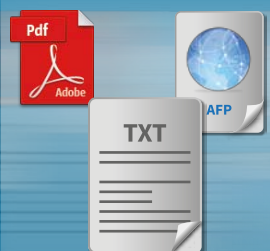# DATA QUALITY CONTROL

Data analysis and verification

Because of its flexible architecture, **XReport** provides to the users multiple functionalities.
Many companies, especially in financial area, process a lot of information and documents. Everyday corporates like banks or insurances produce and distribute to their internal or external users, a huge amount of data.

Due to the amount of documents involved, sometimes it can happen that during all the processes, something goes wrong causing errors in the output generated. In those cases, an implementation of a set of controls, in order to find out and prevent errors, becomes necessary in order to help customer's **Quality Assurance** team. XReport provides to its customers a lot of instruments to check quality of data.

CONTROL TYPE 1

Once customer has provided information regarding quality assurance, XReport can apply those controls on the provided data stream. XReport can check without any problems if, for example, **logo** of a document is the right one and if it is in the right position of the page; it can also control if **personal data** contained in a document are consistent or if a **digital signature** is expected on a document, XReport can monitor that the one selected is the signature desired and so on.

CONTROL TYPE 2

XReport, in addition to those kind of controls, is able to works in a dynamic way. For example, for one of the biggest Bank in Italy, in some reports containing thousands of pages of certifications related to profit and other incomes for a great number of customers, XReport is able to **calculate the sum** for each single field containing: invested capital, interest rates, number of stokes, earnings, etc. In more than a case, XReport provided the correct result where calculations made by people of the bank were wrong giving to the bank the opportunity to fix their information.

MAIL

As a result of all controls, an email will be prepared for Quality Assurance team: in this email QA team will see the report that has been checked besides the result of controls. Thanks to this implementation, **percentage of errors has been reduced**.

XREPORT YOUR DATA WHEREVER YOU WANT

eDimension

DATA QUALITY CONTROL

Data analysis and verification

On customer request, CeDimension implemented another kind of control on a documents flow.
This kind of control is not a precise control of each single document of the flow, but rather a *random check* on some documents belonging to it.

On a list of random documents extracted from the flow, XReport arranges a set of controls in order to see if everything is ok.

Once data check is performed by XReport, a new email is prepared.
Beyond containing the report with results of controls, in this email XReport attaches also *all the documents* that have been checked: both corrects and those containing errors.
In this way, the internal user can have an immediate feedback regarding the quality of data presentation.

XREPORT YOUR DATA WHEREVER YOU WANT

CeDimension